(19) World Intellectual Property Organization International Bureau



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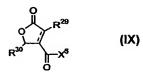
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(54) Title: NOVEL COMPOUNDS, PHARMACEUTICAL COMPOSITIONS CONTAINING SAME, AND METHODS OF USE FOR SAME



(57) Abstract: Pharmaceutical composition comprising a pharmaceutical diluent and a compound of formula IX: $R^{29} = H$, or C_1 - C_{20} alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl, = CHR^{31} , - $C(O)OR^{31}$, - $C(O)OR^{31}$, - $CH_2C(O)OR^{31}$, $CH_2C(O)OR^{31}$, where R^{31} is H or C_1 - C_{10} alkyl, cycloalkyl, or alkenyl; $R^{30} = C_1$ - C_{20} alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl; $R^{30} = C_1$ - R^{31} , or alkylaryl, the R^{32} group optionally containing a carbonyl group, a carboxyl group, a carboxyamide group, an alcohol group, or an ether group, the R^{32} group further optionally containing one or more halogen atoms; with the proviso that when R^{29} is = CH_2 , then R^{31} is not OH. Also disclosed are compounds within the scope of the formula IX, as well as uses of the pharmaceutical compositions for weight loss, anti-microbial and anti-cancer applications, inhibition of fatty acid synthase and neuropeptide-Y, and the stimulation of the activity of carnitine palmitoyl transferase-1.

